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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/763,288	01/26/2004	Rade Petrovic	2073-136	6479

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EXAMINER

CALLAHAN, PAUL E

ART UNIT

PAPER NUMBER

2137

DATE MAILED: 11/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/763,288

Applicant(s)

PETROVIC, RADE

Examiner

Paul Callahan

Art Unit

2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 and 8-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8-19 and 27-38 is/are allowed.
- 6) ☒ Claim(s) 1-6 and 20-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-38 were pending at the time of the previous office Action. Claim 7 has been cancelled by the latest amendment. Therefore claims 1-6 and 8-38 are pending and have been examined.

Response to Arguments

2. Applicant's arguments filed 8-15-2005 have been fully considered but they are not persuasive.

The Applicant argues in traverse of the rejections of claims 1 and 20 under 102(e) as anticipated by Leighton by asserting that the embedded watermarks of Leighton do not represent signal components having varying amounts of delay or offset. Yet such is indeed taught by Leighton, where the digital watermarks (hence signal components) have a spatial offset in the watermarked data.

The Applicant asserts that Leighton fails to teach a detection technique where an auxiliary signal that is composed of signal components having varying amounts of offset is detected from the watermarked host signal. Yet such is indeed taught by Leighton in col. 3 lines 30-67.

The Applicant asserts that the auxiliary information carrier is detected from within a single host content signal in claim 1 of the instant invention and thus is distinguishable from Leighton. Yet Leighton teaches detection from a single host signal in col. 3 lines 54-57.

The Applicant asserts that Leighton fails to teach the limitation, found in claim 20, of generation of an information carrier signal comprising one or more features of said host signal. The Applicant asserts that Leighton is "silent" on this point. Yet the watermarking process of Leighton does indeed clearly utilize such a process in col. 3 lines 30-45.

The applicant argues in traverse of the rejection of claim 25 by asserting that Leighton fails to teach modulating at least one of the amplitude or phase of the host signal. Yet such would be a requirement of the watermarking techniques taught at Col. 5 lines 25-37. For example, watermarking into the spectrum of an image as Leighton teaches would entail phase modulation of the host signal.

Claim Rejections - 35 USC § 102

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

4. The text of Claims 1-6 and 20-26 have not been changed by the latest amendment. Therefore no changes are necessitated in the rejections of these claims and the text of those rejections will not be repeated herein. Instead, the text of the rejections is hereby incorporated by reference to the previous Office Action in the case.

Allowable Subject Matter

5. Claims 8-19 and 27-38 are allowed.

Conclusion

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul E. Callahan whose telephone number is (571) 272-3869. The examiner can normally be reached on M-F from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Emmanuel Moise, can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is: (571) 273-8300.

10/28/05

Paul Callahan

Matthew D. Smithers
MATTHEW SMITHERS
PRIMARY EXAMINER
Art Unit 2137